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| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>                  |  | ATTORNEY'S DOCKET NUMBER<br>20513-00607-US |
| INTERNATIONAL APPLICATION NO.<br>PCT/FR03/01091  |  | INTERNATIONAL FILING DATE<br>7 April 2003  |
| TITLE OF INVENTION<br>METHOD AND DEVICE FOR PRODUCING ELECTRICITY FROM THE HEAT PRODUCED<br>IN THE CORE OF AT LEAST ONE HIGH TEMPERATURE NUCLEAR REACTOR |  | PRIORITY DATE CLAIMED<br>12 April 2004     |
| APPLICANT(S) FOR DO/EO/US<br>Michel Lecomte  |  |  |

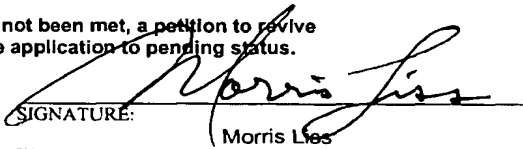
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
- ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
- ☐ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
- ☐ The US has been elected (Article 31).
- ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - ☒ is attached hereto (required only if not communicated by the International Bureau).
  - ☐ has been communicated by the International Bureau.
  - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☒ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
  - ☒ is attached hereto.
  - ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
- ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - ☒ are attached hereto (required only if not communicated by the International Bureau).
  - ☐ have been communicated by the International Bureau.
  - ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - ☐ have not been made and will not be made.
- ☒ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
- ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
- ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

- ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- ☒ A preliminary amendment.
- ☒ An Application Data Sheet under 37 CFR 1.76.
- ☐ A substitute specification.
- ☐ A power of attorney and/or change of address letter.
- ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
- ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
- ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
- ☒ Other items or information: Return Receipt Postcard

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| U.S. APPLICATION NO. (If known, see 37 CFR 1.55)<br><div style="font-size: 2em; font-weight: bold; margin-left: 100px;">10/510599</div>   | INTERNATIONAL APPLICATION NO.<br>PCT/FR03/01091 | ATTORNEY'S DOCKET NUMBER<br>20513-00607-US   |                           |              |      |              |         |  |   |                    |       |  |   |   |  |  |   |                                      |  |  |           |   |  |  |    |                   |  |  |           |   |  |  |    |                             |  |  |           |  |  |  |    |                              |  |  |           |  |  |  |                           |  |  |  |                          |  |
|---|---|--|---------------------------|--------------|------|--------------|---------|--|---|--------------------|-------|--|---|---|--|--|---|--------------------------------------|--|--|-----------|---|--|--|----|-------------------|--|--|-----------|---|--|--|----|-----------------------------|--|--|-----------|--|--|--|----|------------------------------|--|--|-----------|--|--|--|---------------------------|--|--|--|--------------------------|--|
| 21. <input checked="" type="checkbox"/> The following fees are submitted:<br><b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</b><br>Neither international preliminary examination fee (37 CFR 1.482)<br>nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO<br>and International Search Report not prepared by the EPO or JPO ..... \$1110.00<br><br>International preliminary examination fee (37 CFR 1.482) not paid to<br>USPTO but International Search Report prepared by the EPO or JPO ..... \$950.00<br><br>International preliminary examination fee (37 CFR 1.482) not paid to USPTO<br>but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$790.00<br><br>International preliminary examination fee (37 CFR 1.482) paid to USPTO<br>but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$750.00<br><br>International preliminary examination fee (37 CFR 1.482) paid to USPTO<br>and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00<br><br><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b><br>Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months<br>from the earliest claimed priority date (37 CFR 1.492 (e)).   |   | <b>CALCULATIONS</b> PTO USE ONLY<br><br><br><br><br><br><br><br><br><br><table style="width: 100%;"> <tr> <td style="width: 60%;">\$ 950.00</td> <td style="width: 40%;"></td> </tr> <tr> <td>\$</td> <td></td> </tr> </table> | \$ 950.00                 |              | \$   |              |         |  |   |                    |       |  |   |   |  |  |   |                                      |  |  |           |   |  |  |    |                   |  |  |           |   |  |  |    |                             |  |  |           |  |  |  |    |                              |  |  |           |  |  |  |                           |  |  |  |                          |  |
| \$ 950.00   |   |  |                           |              |      |              |         |  |   |                    |       |  |   |   |  |  |   |                                      |  |  |           |   |  |  |    |                   |  |  |           |   |  |  |    |                             |  |  |           |  |  |  |    |                              |  |  |           |  |  |  |                           |  |  |  |                          |  |
| \$  |   |  |                           |              |      |              |         |  |   |                    |       |  |   |   |  |  |   |                                      |  |  |           |   |  |  |    |                   |  |  |           |   |  |  |    |                             |  |  |           |  |  |  |    |                              |  |  |           |  |  |  |                           |  |  |  |                          |  |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">CLAIMS</th> <th style="width: 25%;">NUMBER FILED</th> <th style="width: 25%;">NUMBER EXTRA</th> <th style="width: 25%;">RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>14-20 =</td> <td></td> <td>x</td> </tr> <tr> <td>Independent claims</td> <td>2-3 =</td> <td></td> <td>x</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(s) (if applicable)</td> <td>+</td> </tr> <tr> <td colspan="3"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> <td>\$ 950.00</td> </tr> <tr> <td colspan="3"> <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above<br/>           are reduced by 1/2.         </td> <td>\$</td> </tr> <tr> <td colspan="3"><b>SUBTOTAL =</b></td> <td>\$ 950.00</td> </tr> <tr> <td colspan="3">Processing fee of \$130.00 for furnishing the English translation later than 30 months<br/>from the earliest claimed priority date (37 CFR 1.492 (f)).</td> <td>\$</td> </tr> <tr> <td colspan="3"><b>TOTAL NATIONAL FEE =</b></td> <td>\$ 950.00</td> </tr> <tr> <td colspan="3">Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must<br/>be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +</td> <td>\$</td> </tr> <tr> <td colspan="3"><b>TOTAL FEES ENCLOSED =</b></td> <td>\$ 950.00</td> </tr> <tr> <td colspan="3"></td> <td>Amount to be refunded: \$</td> </tr> <tr> <td colspan="3"></td> <td>Amount to be charged: \$</td> </tr> </tbody> </table> |   | CLAIMS   | NUMBER FILED              | NUMBER EXTRA | RATE | Total claims | 14-20 = |  | x | Independent claims | 2-3 = |  | x | MULTIPLE DEPENDENT CLAIM(s) (if applicable) |  |  | + | <b>TOTAL OF ABOVE CALCULATIONS =</b> |  |  | \$ 950.00 | <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above<br>are reduced by 1/2. |  |  | \$ | <b>SUBTOTAL =</b> |  |  | \$ 950.00 | Processing fee of \$130.00 for furnishing the English translation later than 30 months<br>from the earliest claimed priority date (37 CFR 1.492 (f)). |  |  | \$ | <b>TOTAL NATIONAL FEE =</b> |  |  | \$ 950.00 | Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must<br>be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + |  |  | \$ | <b>TOTAL FEES ENCLOSED =</b> |  |  | \$ 950.00 |  |  |  | Amount to be refunded: \$ |  |  |  | Amount to be charged: \$ |  |
| CLAIMS  | NUMBER FILED                                    | NUMBER EXTRA   | RATE                      |              |      |              |         |  |   |                    |       |  |   |   |  |  |   |                                      |  |  |           |   |  |  |    |                   |  |  |           |   |  |  |    |                             |  |  |           |  |  |  |    |                              |  |  |           |  |  |  |                           |  |  |  |                          |  |
| Total claims  | 14-20 =   |  | x                         |              |      |              |         |  |   |                    |       |  |   |   |  |  |   |                                      |  |  |           |   |  |  |    |                   |  |  |           |   |  |  |    |                             |  |  |           |  |  |  |    |                              |  |  |           |  |  |  |                           |  |  |  |                          |  |
| Independent claims  | 2-3 =   |  | x                         |              |      |              |         |  |   |                    |       |  |   |   |  |  |   |                                      |  |  |           |   |  |  |    |                   |  |  |           |   |  |  |    |                             |  |  |           |  |  |  |    |                              |  |  |           |  |  |  |                           |  |  |  |                          |  |
| MULTIPLE DEPENDENT CLAIM(s) (if applicable)   |   |  | +                         |              |      |              |         |  |   |                    |       |  |   |   |  |  |   |                                      |  |  |           |   |  |  |    |                   |  |  |           |   |  |  |    |                             |  |  |           |  |  |  |    |                              |  |  |           |  |  |  |                           |  |  |  |                          |  |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>  |   |  | \$ 950.00                 |              |      |              |         |  |   |                    |       |  |   |   |  |  |   |                                      |  |  |           |   |  |  |    |                   |  |  |           |   |  |  |    |                             |  |  |           |  |  |  |    |                              |  |  |           |  |  |  |                           |  |  |  |                          |  |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above<br>are reduced by 1/2.   |   |  | \$                        |              |      |              |         |  |   |                    |       |  |   |   |  |  |   |                                      |  |  |           |   |  |  |    |                   |  |  |           |   |  |  |    |                             |  |  |           |  |  |  |    |                              |  |  |           |  |  |  |                           |  |  |  |                          |  |
| <b>SUBTOTAL =</b>   |   |  | \$ 950.00                 |              |      |              |         |  |   |                    |       |  |   |   |  |  |   |                                      |  |  |           |   |  |  |    |                   |  |  |           |   |  |  |    |                             |  |  |           |  |  |  |    |                              |  |  |           |  |  |  |                           |  |  |  |                          |  |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months<br>from the earliest claimed priority date (37 CFR 1.492 (f)).   |   |  | \$                        |              |      |              |         |  |   |                    |       |  |   |   |  |  |   |                                      |  |  |           |   |  |  |    |                   |  |  |           |   |  |  |    |                             |  |  |           |  |  |  |    |                              |  |  |           |  |  |  |                           |  |  |  |                          |  |
| <b>TOTAL NATIONAL FEE =</b>   |   |  | \$ 950.00                 |              |      |              |         |  |   |                    |       |  |   |   |  |  |   |                                      |  |  |           |   |  |  |    |                   |  |  |           |   |  |  |    |                             |  |  |           |  |  |  |    |                              |  |  |           |  |  |  |                           |  |  |  |                          |  |
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| <b>TOTAL FEES ENCLOSED =</b>  |   |  | \$ 950.00                 |              |      |              |         |  |   |                    |       |  |   |   |  |  |   |                                      |  |  |           |   |  |  |    |                   |  |  |           |   |  |  |    |                             |  |  |           |  |  |  |    |                              |  |  |           |  |  |  |                           |  |  |  |                          |  |
|   |   |  | Amount to be refunded: \$ |              |      |              |         |  |   |                    |       |  |   |   |  |  |   |                                      |  |  |           |   |  |  |    |                   |  |  |           |   |  |  |    |                             |  |  |           |  |  |  |    |                              |  |  |           |  |  |  |                           |  |  |  |                          |  |
|   |   |  | Amount to be charged: \$  |              |      |              |         |  |   |                    |       |  |   |   |  |  |   |                                      |  |  |           |   |  |  |    |                   |  |  |           |   |  |  |    |                             |  |  |           |  |  |  |    |                              |  |  |           |  |  |  |                           |  |  |  |                          |  |
| a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.<br>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>22-0185</u> in the amount of \$ <u>950.00</u><br>to cover the above fees. A duplicate copy of this sheet is enclosed.<br>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any<br>overpayment to Deposit Account No. <u>22-0185</u> . A duplicate copy of this sheet is enclosed.<br>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card<br>information should not be included on this form. Provide credit card information and authorization on PTO-2038.   |   |  |                           |              |      |              |         |  |   |                    |       |  |   |   |  |  |   |                                      |  |  |           |   |  |  |    |                   |  |  |           |   |  |  |    |                             |  |  |           |  |  |  |    |                              |  |  |           |  |  |  |                           |  |  |  |                          |  |
| <b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive<br>(37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.   |   |  |                           |              |      |              |         |  |   |                    |       |  |   |   |  |  |   |                                      |  |  |           |   |  |  |    |                   |  |  |           |   |  |  |    |                             |  |  |           |  |  |  |    |                              |  |  |           |  |  |  |                           |  |  |  |                          |  |
| SEND ALL CORRESPONDENCE TO:   |   |  |                           |              |      |              |         |  |   |                    |       |  |   |   |  |  |   |                                      |  |  |           |   |  |  |    |                   |  |  |           |   |  |  |    |                             |  |  |           |  |  |  |    |                              |  |  |           |  |  |  |                           |  |  |  |                          |  |
| 1990 M Street, N.W., Suite 800<br>Washington, DC 20036-3425<br><br>CUSTOMER NUMBER: 30678   |   | SIGNATURE: <br>NAME: Morris Liles<br><br>24,510<br>REGISTRATION NUMBER   |                           |              |      |              |         |  |   |                    |       |  |   |   |  |  |   |                                      |  |  |           |   |  |  |    |                   |  |  |           |   |  |  |    |                             |  |  |           |  |  |  |    |                              |  |  |           |  |  |  |                           |  |  |  |                          |  |